

MNP Ref: 222351/SE-DN01

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Retirement Villages Group (RVG)
Thamesfield Retirement Village
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To Whom It May Concern,

RE: Structural Assessment for the proposed development at Thamesfield Retirement Village

Further to our inspection of the above property, we provide the below assessment including our observations and conclusions in reference to requirements for demolition works to enable the proposed re-development.

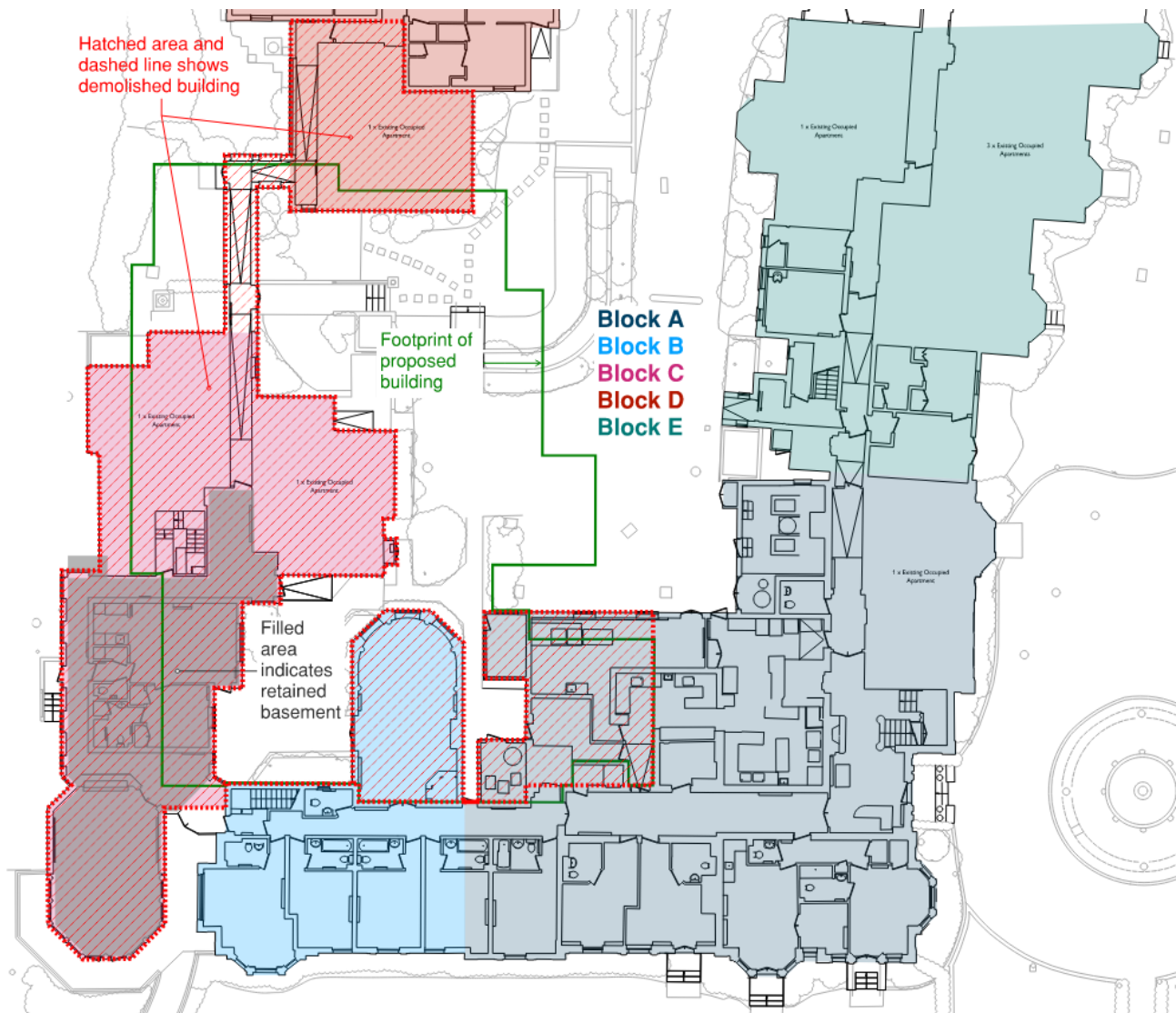
Based on review of the Architectural proposal and the existing structures on the Thamesfield site, we confirm requirements for demolition works in extent described below. The demolition of the existing structures is required to form space for construction of the proposed three-storey residential block. Reuse of the existing structure is generally not viable due to differences in form and height between existing and proposed buildings, and magnitude of loads supported by the structure. An exception is existing basement, which is proposed to be adapted within the new development and house plant rooms.

1. The demolition works are to remove existing superstructure forming Block C and remove partially Blocks A, B and D. See Figure 6 for reference.
2. The demolition works within area of Block C allow for the existing basement to be retained, to provide space for the plant room. The superstructure is to be removed, including the link corridor to Block D. The demolition works methodology must consider appropriate protection measures to the existing GF slab, to ensure the structure is not damaged during works. The GF level floor will be partially removed, to allow new residential block floor slab and transfer beams supporting superstructure. Details of structure will be developed at Design Stage 3.
3. The demolition works within area of Blocks A, B and D include partial removal of the structure, to allow the new residential block. The demolition works apply only to Ground Floor level parts of these Blocks. The demolition works methodology must consider protection of the retained structures, assuming that Blocks A and B will be occupied during works.

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4. It is assumed that all foundations within the demolition works area will be grubbed out, to allow new structures. The existing Block C basement is to be retained.
5. Re-use of existing structures is not viable except the existing basement. Recycling of materials within construction works could be considered, although due to different construction types it is likely that the materials will be re-cycled off site and used in production of construction materials, nonspecific to this development.



Plan showing extent of demolition works and footprint of the proposed residential block.

Yours Sincerely,

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MEng CEng MStructE

For Mason Navarro Pledge Ltd